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OM protein - protein search, using sw model
                  Title:
Perfect score:
Sequence:
                                                                        August 21, 2001, 12:06:13 ; Search time 12.28 Seconds (without alignments) 526.496 Million cell updates/sec
   US-09-486-334-2
1641
1 MATCIDTCRTGNTQDDDSRF......IPCLTMDQTSYLTEWSDYVI 314
                                                                                                                                                                                             GenCore version ^{4.5} Copyright (c) 1993 - 2000 Compugen Ltd.
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Scoring table: BLOSUM62 Gapop 10.0 , Gapext 0.5

197339 seqs, 20590346 residues

Total number of hits satisfying chosen parameters: Searched:

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database :

Issued_Patents_AA:*

1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*

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5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/2/iaa/backfiles1.pep:*

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

1 648 5 39.2 2 145 5 8.3 3 145 5 8.4 4 132 5 8.6 6 132 5 8.7 7 132 5 8.7 8 125 5 7.7 9 97 5 5.7 10 99 5 5.7 11 99 5 5.7 11 99 5 5.7 12 90 5 5.7 15 84 5 5 5.7 16 81 5 5 5.7 17 81 5 5 5.7 18 82 5 5 5.7 18 82 5 5 5.7 19 81 5 5 5.7 19 81 5 5 5.7	Result Query
.5 163 .9 163 .9 163 .1 380 .1 380 .1 459 .1 459 .1 159 .1 159 .1 159 .1 168 .1	Length
10000000000000000000000000000000000000	DB ID
US-09-065-104-1 US-08-846-762-6 US-08-946-762-75 US-08-971-782-4 US-09-39-026-2 US-08-971-782-2 US-08-971-782-2 US-08-975-762-5 US-08-190-802A-63 US-09-313-444-85 US-09-313-444-85 US-08-190-802A-63 US-08-190-802A-63 US-08-190-802A-63 US-08-190-802A-63 US-08-190-802A-63 US-08-398-627-10 US-08-398-627-10 US-08-398-627-10 US-08-406-858-10 PCT-US91-04036-10 PCT-US91-04036-10 PCT-US94-05275-10 US-08-436-748-9 US-08-436-748-9	
	Description

228 320 320 331 332 333 333 333 333 333 333 333 333
800 800 800 800 77.5 77.5 77.5 76.5 76.5 76.5
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1912 1912 2353 3353 3898 402 402 402 404 449 449 449 449
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US-08-409-995-4 US-08-685-467-4 US-09-77-155-3: US-08-913-942-4 US-08-876-991-2 US-09-059-853-2 US-09-414-664-4 US-09-414-664-2 US-09-414-664-2 US-09-414-664-2 US-09-414-664-7 US-09-414-664-7 US-08-476-008-5 US-08-476-008-7 US-08-306-063-7 US-08-333-485-7 US-08-833-485-7 US-08-833-485-7 US-08-833-485-7 US-08-833-485-7
sequence 4, Appli sequence 3, Appli sequence 4, Appli sequence 2, Appli sequence 2, Appli sequence 4, Appli sequence 4, Appli sequence 2, Appli sequence 2, Appli sequence 3, Appli sequence 7, Appli sequence 7, Appli sequence 7, Appli sequence 7, Appli sequence 7, Appli sequence 5, Appli

ALIGNMENTS

RATION NUMBER: 26,048 Freedman, Edward R. Freedman, Edward Leinfelder Leinfelder Leinfelder Leinfelder Richter, Elizabeth C. Richter, Elizabeth C. Richter, Slizabeth C. Richter, Slizabeth C. Richter, Slizabeth C. Richter, Slizabeth C. FRATION NUMBER: 35,103 TRATION NUMBER: 1510 HEINFELDER ENGE/DOCKET NUMBER: LEINFELDER ENGE/DOCKET NUMBER: 1510 NUMBER: LEINFELDER MUNICATION INFORMATION: HONE: (516) 365-9802 FRATION SPORT ID NO: 1: DE CHARACTERISTICS: FREEDMAN CONTROL OF THE CON	ROSÍYOT NEW YOTK U.S.A. 1176 ILSA. 1176 READABLE FORM: RYPE: Floppy disk RYPE: PlopsyMS-DOS RE: WordPerfect Version 5.1 for RE: WordPerfect Version 5.1 for RE: WordPerfect Version 5.1 for RE: US/09/065,104 DATE: US/09/065,104 DATE: US/09/065,104 DATE: US/09/065,104 DATE: 26-CCT-195 DATE: 26-CCT-195 DATE: 26-CCT-195 DATE: 26-CCT-195 DATE: 26-CCT-195 DATE: 26-CCT-195 COLLAGO, ALLISON C. COLLAGO, ALLISON C.	RESULT 1 US-09-065-104-1 US-09-065-104-1 ; Sequence 1, Application US/09065104 ; Sequence 1, Application US/09065104 ; Sequence 1, Application US/09065104 ; Patent No. 6218168 ; Patent INFORMATION: Poter 1 ApplicaNT: LEINFELDER, Walfred, ApplicaNT: LEINFELDER, Walfred, Freparing 1 TITLE OF INVENTION: Process for Preparing 1 TITLE OF INVENTION: Products 1 TITLE OF INVENTION: Products 1 CORRESPONDENCE ADDRESS: 24 CORRESPONDENCE ADDRESS: COLIARA Rose, P.C. ADDRESSEE: COLIARA
ELDER PCT ELDER PCT	fo	eparing O. L-Cysteine and L-Cysteine-Related

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US-08-846-762-6
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                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/08/846,762A CURRENT FILING DATE: 1997-04-30 NUMBER OF SEQ ID NOS: 100 SEQ ID NO SEQ ID NO SEQ ID NO SEQ ID NO 6
                                                                                                                                                                                                                                                       Query Match
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APPLICANT: Burrows, Lori
APPLICANT: Charter, Deborah
APPLICANT: Charter, Deborah
APPLICANT: de Kievit, Teresa
TITLE OF INVENTION: No. 5994072el Proteins Involved in the Synthesis and Assembly
TITLE REFERENCE: 6580-089
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Вb
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Patent No. 5994072
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                            TYPE: PRT ... ORGANISM: Pseudomonas aeruginosa
145 VGVPARQIG 153
                                 276 VGNPARLIG 284
                                                                              222 -----GGTGKQSGDRHPKIGDGVLIGAGSCILGNITIGEGAKIGSGSVVVKDVPARTTA 275
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match

39.5%; Score 648.5; DB 4; Length 273;

Best Local Similarity 50.8%; Pred. No. 1.3e-65;

Matches 132; Conservative 51; Mismatches 72; Indels 5; Gaps
                                                                                                                                                   181 VDIHPGAKIGKGILLDHATGVVIGETAVVGD-----NVSILHGVTL------ 221
                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 160
                                             85 NYYNPRSLIERKDQYRNTLVKKGATLGANCTIVCGVTIGEYAFLGAGAVINKNVPSYALM 144
                                                                                                                   27 VHICAGARIGAGVSL--GQNVFVGNKVVIGDRCKIQNNVSVYDNVTLEEGVFCGPSMVFT 84
                                                                                                                                                                                      / Match 8.9%; Score 145.5; DB 2; Length 160;
Local Similarity 32.6%; Pred. No. 1.2e-08;
hes 42; Conservative 18; Mismatches 42; Indels 27; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   244 VGKPDS----DK-PSMDMDQ 258
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       223 GTGKQSGDRHPKIGDGVLIGAGSCILGNITIGEGAKIGSGSVVVKDVPARTTAVGNPARL 282
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        184 GTGKSGGDRHPKIREGVMIGAGAKILGNIEVGRGAKIGAGSVVIQPVPPHTTAAGVPARI 243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          124 GRRALAIFLONOVSVTFQVDIHPAAKIGRGIMLDHATGIVVGETAVIENDVSILQSVTLG 183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                163 NRKIVALLIQNRVSESFAVDIHPGAKIGKGILLDHATGVVIGETAVVGDNVSILHGVTLG 222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         103 FELFISVLEESPEIIESTKQDLIAVKERDPACISYVHCFLGFKGFLACQAHRIAHTLWKQ 162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: protein ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 64 REVVEEAYAADFEMIASAACDIQAVRTRDPAVDKYSTPLLYLKGFHALQAYRIGHWLMNQ 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RIGINAL ESCOPATN: W3110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           43 EDDDDVWIKMLEEAKSDVKQEPILSNYYYASITSHRSLESALAHILSVKLSNLNLPSNTL 102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4 EELEIVWNNIKAEARTLADCEPMLASFYHATLLKHENLGSÄLSYMLANKLSSPIMPAIAI 63
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US-08-971-782-4
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; ORGANISM: Pseudomonas aeruginosa
US-08-846-762-75
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APPLICANT: Lam, Joseph S.
APPLICANT: Burrows, Lori
APPLICANT: Charter, Deborah
APPLICANT: de Klevit, Teresa
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Sequence 75, Application US/08846762A

Patent No. 5994072

Patent No. 5994072
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SEQ ID NO 75
LENGTH: 163
                                                                                                                    SOFTWARE: FastSEQ for CURRENT APPLICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Zhong, Yi Yi
TITLE OF INVENTION: NO. 6043071el GlmU
NIMMER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: No. 5994072el Proteins Invented in the Synthesis and Assembly FILE REFERENCE: 6580-089

CURRENT APPLICATION NUMBER: US/08/846,762A

NUMBER OF SEQ ID NOS: 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                      APPLICATION NUMBER: US/08/971,782
                               CLASSIFICATION:
                                                                                                                                                                                       COMPUTER: IBM CONTROL OPERATING SYSTEM:
                                                                                                                                                                                                                                                              MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Dechert Price & Rhoads
STREET: 4000 Bell Atlantic Tower, 1717 Arch Stre
                                                                                                                                                                                                                                                                                                                                                                                                        STATE:
                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               145 VGVPARQIG 153
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                                                                                                                                      SYSTEM: DOS
FastSEQ for Windows Version 2.0
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Debouck, Christine
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Shilling, Lisa K.
Jaworski, Deborah D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Wang, Min
                                                                                                                                                                                                                    IBM Compatible
                                                                                                                                                                                                                                                              Diskette
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FILING DATE: 26-JUN-1997 ATTORNEY/AGENT INFORMATION: NAME: Dickinson, Todd Q

REGISTRATION NUMBER:

28,354

APPLICATION NUMBER:

IMBER: 60/050,996 26-JUN-1997

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            sequence 4, Application US/09309026
patent No. 6204042
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-994-2252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: NO. 6204042el GlmU NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                            ZIP: 19103
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      174 RVSESFAVDIH------PGAKIGKGILLDHATGVVIGETAVVGDNVSILHG-VTLGGTG 225
                         NAME: Dickinson, Todd Q
REGISTION NUMBER: 28,354
REFERENCE/DOCKET NUMBER: GM.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-994-2252
                                                                                                                                                                                                                                      SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               310 KNK--YKTVIGDNVFVGSNSTIIAPVELGDNSLVGAGSTITKDVPADAIAIG 359
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  226 KQSGDRHPKIGDGYLIGAGSCILGNITIGEGAKIGSGSVVVKDVPARTTAVG 277
                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Dickinson, Todd Q
                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ENGTH:
                                                                                                                                                                                                                                                                       OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                  CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
                                                                                                                                                                                      CLASSIFICATION:
                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                               COMPUTER:
                                                                                                                                                                                                                                                                                                               MEDIUM TYPE:
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                                                                                                                                    FILING DATE:
TELEX:
            TELEFAX:
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4000 Bell Atlantic Tower, 1717 Arch Stre
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mooney, Jeffrey L.
Debouck, Christine M.
Zhong, Yi Yi
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Jaworski, Deborah D.
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linear
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                                                                                                                                                                                                                                                                                             IBM Compatible
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US-09-309-026-4
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US-08-971-782-2
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GENERAL INFORMATION:
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                                                                               INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                            SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
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                                                                                                                                                                                               FILING DATE: 26-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Dickinson, Todd Q
REGISTRATION NUMBER: 28,3
                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/
FILING DATE: 26-JUN-199
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STRANDEDNESS: sin
                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-994-2252
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                                                                                                                    TELEPHONE: 215-994-2222
                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/971,782
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                                 STRANDEDNESS:
                                               TYPE:
                 TOPOLOGY:
                                                               LENGTH:
                                                                                                                  TELEX:
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                                                 amino acid
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Debouck, Christine M.
Zhong, Yi Yi
                                                                  459 amino acids
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Shilling, Lisa K.
Jaworski, Deborah D.
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US-09-309-026-2
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Patent No.
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389 KNK--YKTVIGDNVFVGSNSTIIAPVELGDNSLVGAGSTITKDVPADAIAIG 438
                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: GM
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-994-2252
                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 459 amino acids
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APPLICANT: 1
APPLICANT:
                                                               332 RPNSSLGAQVHIGNFVEVKGSSIGENTKAGHLT--YIG-SCEVGSNVNFGAGTITVNYDG 388
                               226 KQSGDRHPKIGDGVLIGAGSCILGNITIGEGAKIGSGSVVVKDVPARTTAVG 277
                                                                                               174 RVSESFAVDIH------PGAKIGKGILLDHATGVVIGETAVVGDNVSILHG-VTLGGTG 225
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APPLICATION NUMBER:
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REGISTRATION NUMBER:
                                                                                                                                                                                                                                             TOPOLOGY:
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SOFTWARE: FastSE
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4000 Bell Atlantic Tower, 1717 Arch Stre
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Debouck, Christine M.
Zhong, Yi Yi
VENTION: No. 6204042el GlmU
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Jaworski, Deborah D.
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IBM Compatible
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32.1%;
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                                                                                                                                                Score 132.5; DB 4; Length 459; Pred. No. 2e-06;
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US-08-597-236-9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence
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APPLICANT: Lam, Joseph S.
APPLICANT: Burrows, Lori
APPLICANT: Charter, Deborah
APPLICANT: de Kievit, Teresa
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               APPLICATION NUMBER: EP 9
FILING DATE: 20-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/08/846,762A
CURRENT FILING DATE: 1997-04-30
NUMBER OF SEQ ID NOS: 100
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                                                                  PRIOR APPLICATION DATA:
                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: STINGELE, Fra
APPLICANT: MOLLET, Beat
TITLE OF INVENTION: LACT
TITLE OF INVENTION: EXOP
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CORRESPONDENCE ADDRESS:
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                                                                                     CLASSIFICATION: 426
                                                                                                          FILING DATE:
                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                        STREET: 1155 A
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                                                                                                                                                                                                                                                                          COUNTRY:
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No. 5733765
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Fanucci A., Allan
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                                                                                                                                                                                                                                                                                                                                                                                              EXOPOLYSACCHARIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      7.6%; Score 125.5; DN 2; Length 191; 29.5%; Pred. No. 3e-06
                                                 EP 95201669.9
                                                                                                                                                                                                                                                                                                                                                                                                             LACTIC BACTERIA PRODUCIU:
                                                                                                                       US/08/597, 236
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; MOLECULE TYPE: protein US-08-597-236-9
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Best Local S
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INFORMATION FOR SEQ ID NO:
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                                                                      Matches
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                                  * 188 KIGKGILLDHA------TGVVIGETAVVGDNVSIL------HGVTL 221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PATENTIN Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: LACTIC BACTERIA PROTITLE OF INVENTION: EXOPOLYSACCHARIDES
                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Fanucci A., Allan
                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               105 AAI-----QIGRNCWIGSQVTILKGVTIGDNSIIGAGVVVYQDVPENSIVLSN 152
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                                                                                                                                                                                  MOLECULE TYPE:
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les 31; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: 14-NC
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                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 08/5 FILING DATE: 20-JUN-1995 APPLICATION NUMBER: EP 9
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45 KSGKVIIGNHVFFNNFCSINAMLSVTIGDDCIFGENVKIYDHNHCYQNKSQPISKQGFST 104
                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                    TYPE:
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                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                      Local Similarity
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                                                                      31; Conservative
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                                                                                        5.9%; Score 97.5; DB 1; Length 159; 26.5%; Pred. No. 0.0034;
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                                                                                                   US-09-188-579-85
                                                                                                                    RESULT
                                                       ; Sequence 85, Application US/09188579B ; Patent No. 6107040
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                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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                                         GENERAL INFORMATION:
TITLE OF INVENTION: Pharmacological Targeting of mRNA Cap Formation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 206-682-6031
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
SEQUENCE CHARACTERISTICS
                          APPLICANT: Shuman, Stewart
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOTTWARE: PATENTIA Relase #1.0, Version #1.30
CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
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COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    105 AAI-----QIGRNCWIGSQVTILKGVTIGDNSIIGA: YVVVYQDVPENSIVLSN 152
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TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                        159 LWKQNRKIVALLIQNRVSESFAVDIHPGAKIGKGILLDHA-----TGVVIGETAVVG 210
                                                                                                                                                                                                                                                                                              211 D-----NVSILHGVTLGG--------TKGQSGDRHPKIGDGVLIGAGS 245
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                                                                                                                                                                                114 CILHACTLGNNAFVGMGSIVM 134
                                                                                                                                                                                                                   246 CILGNITIGEGAKIGSGSVVV 266
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Maki, David J. REGISTRATION NUMBER: 31,392
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 424
                                                                                                                                                                                                                                                        57 DVCIGKNASIWYGTVLRGDVDKIEVGEGTNIQDNTVVHTDSMHGD--TVIGKFVTIG-HS 113
                                                                                                                                                                                                                                                                                                                                                                                                                                Match 5.7%; Score 94; DB 4; Length 197; Local Similarity 25.5%; Pred. No. 0.012;
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                                                                                                                                                                                                                                                                                                                                     7 LWCAKNTIMLCRLKNT------GGCEVMREVLVPYAGVSPSVDSTAFIAGYARIIG 56
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 197 amino acids
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MRSULT 14
US-08-190-802A-63
; Sequence 63, Application US/08190802A
; Patent No. 5519003
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/315,444A
CURRENT FILING DATE: 1999-05-20
PRIOR APPLICATION NUMBER: US 09/188,579
PRIOR FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 116
SEQ ID NO 85
SEQ ID NO 85
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Best Local 9
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CURRENT FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 114
SEQ ID NO 85
LENGTH: 168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Shuman, Stewart TITLE OF INVENTION: Pharmac FILE REFERENCE: D6185CIP
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ORGANISM: baculovirus
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                                                                                                                108 EKCPGMLVGVHCTHGINRTGYMVCR--YLMHTL 138
                                                                                                                                                    129 ERDPACISYVHCFLGFK--GFLACQAHRIAHTL 159
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                                                                                                                                                                                         66 KYYDGV---HFLRAGLLY-KKIQVPGQTLPPESIVQEFIDTVKE-----FT 107
                                                                                                                                                                                                                               69 YYYASITSHRSLESALAHILSVKLSNLNLPSNTLFELFISVLEESPEIIESTKODLIAVK 128
                                                                                                                                                                                                                                                                       18 DSNLICFKTPLRPEL-----FAYVTSEEDVW-----TAEQIVKQNPSIGAIIDLTNTS 65
                                                                                                                                                                                                                                                                                                              17 DSRFCCIKNFFRPGFSVNRKIHHTQIEDDDDVWIKMLEEAKSDVKQEPIL------SN 68
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         17 DSRFCCIKNFFRPGFSVNRKIHHTQIEDDDDVWIKMLEEAKSDVKQEPIL-----SN 68
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pharmacological Targeting of mRNA Cap Formation
                                                                                                                                                                                                                                                                                                                                                                                  5.5%; Score 90; DB 4; 22.2%; Pred. No. 0.027;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5.5%; Score 90; DB 3; Length 168 22.2%; Pred. No. 0.027;
                                                                                                                                                                                                                                                                                                                                                      24; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      24; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                 DB 4; Length 168;
                                                                                                                                                                                                                                                                                                                                                      53; Indels 42; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  53; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      42;
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                                                                                                                                                                                                                                                                                                                                                        8
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US-09-032-372-12
Sequence 12, Application US/09032372
Patent No. 6008337
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                    Db
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
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ZIP: 94306-0850
COMPUTER READABLE FORM:
COMPUTER EIDE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
COUNTIAL.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (415) 324-090 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HYPOTHETICAL: I
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                                                                                                                      514 --LRTGQCSLTLSIEDGVTTVAVSPGDGKYIAAGSL 547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 86
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
                                                                                                                                                         239 VLIGAGSCIL-----GNITI----GEGAKIGSGSV 264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                     489 YSLDYFPS--
                                                                                                                                                                                                                              179 FAVDIHPGAKIGKGILLDHATGVVIGETAVVGDNVSILHGVTLGGTGKQSGDRHPKIGDG 238
                                                                                                                                                                                                                                                                450 ------CFSPDGKFLATGAEDRLIRIWDIENRKIV-MILQGHEQDI 488
                                                                                                                                                                                                                                                                                                     120 TKQDLIAVKERDPACISYVHCFLGFKGFLACQAHRIAHTLWK-QNRKIVALLIQNRVSES 178
                                                                                                                                                                                                                                                                                                                                       399 TTTSTDNNTMTTTTTTTTTTTAMTSAAELAKDVENLNTSSSPSSDLYIRSV------ 449
                                                                                                                                                                                                                                                                                                                                                                                                                342 DHTSVVCCVKFSNDGEYLATGCNKTTQVYRV---SDGSLVARLSDDSAANNHRNSITENN 398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Mochly-Rosen, Daria
APPLICANT: Ron, Dorit
                                                                                                                                                                                                                                                                                                                                                                           70 YYASITSHRSLESALAHI------LSVKLSNLNLPSNTLFELFISVLEESPEIIES 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                15 DDDSRFCCIK-----NFFRPGFSVNRKIHHTQIEDDDDVWIKMLEEAKSDVKQEPILSNY 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Fabian, Gary R. REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       E: Dehlinger & Associates
P.O. Box 60850
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US/08/190,802A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 1; Length 713;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       88; Indels 96; Gaps
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APPLICANT:

Bandman, Olga

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; STRANDEDNESS: sing
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 1292898
US-09-032-372-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 361 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEPAX: 650-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: Fast-SEQ for Windows Version
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskette
COMPUTER: IBM Compatil
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/09/032,372
FILING DATE: Herewith
CLASSIFICATION
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Yue, Henry
APPLICANT: Lal, Preeti
TITLE OF INVENTION: CELL CYCLE RELATED PROTEINS
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STRRET: 3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                   311 WNSTVGQWCRLEGVTVLGDDVEVKDEIYIN-----GGKVLPHKSISDNVP 355
                                                                                                                                                               210 SFDLEGFWMDVGQPKDFLSGTVLYLNSLAKRQPKKLATGANIVGNALIDPTA-KISSTAK 268
                                                                                                                                                                                                       138 VHCFLGF------KGFLACQAHRIAHTLWKQNRKIV--ALLIQNRVSESFAVDIHPGAK 188
                                                                                 269 IG-----PDVVIGPNVTIGDGVRITRSVVL----CNSTIKNHSLVKSTIVG-----
                                                                                                                       189 IGKGILLDHATGVVIGETAVVGDNVSILHGVTLGGTGKQSGDRHPKIGDGVLIGAGSCIL 248
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                     249 GNITIGEGAKIGSGSVVVKDVPARTTAVGNPARLIGGKENPRK--HDKIP 296
                                                                                                                                                                                                                                                                                           96 NLPSNTLFELFISVLEE-----Y 137
                                                                                                                                                                                                                                                                                                                                     90 LKLAEDVLKKDNSPFFVLNSDVICEYPFKELADFHKAHGGKGTIVATKVDEPSKYGVIVH 149
                                                                                                                                                                                                                                                                                                                                                                                 50 IKMLEEA-KSD-----VKQEPILSNYYYASITSHRSLESALAHILSVKLSN-----L 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
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Corley, Neil C.
Guegler, Karl J.
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Search completed: August 21, 2001, 12:06:58

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